Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045286.D
Acq On : 8 May 2020 1:59
Operator : CG/JU
Sample : L2530-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 08 03:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	71829	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	292155	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	207963	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	481005	20.00	ng		0.00
76) Chrysene-d12	21.63	240	447339	20.00	ng		0.00
87) Perylene-d12	24.81	264	489429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	530410	121.91	ng		0.00
7) Phenol-d6	7.15	99	776698	120.15	ng		0.00
23) Nitrobenzene-d5	9.14	82	537058	83.88	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	398898	124.16	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1233497	86.97	ng		0.00
79) Terphenyl-d14	19.99	244	1896327	92.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.10	77	65	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.14	70	72454	15.849	ng	#	82
32) Benzoic acid	10.18	122	66	6.390	ng	#	1
50) Dimethylphthalate	14.07	163	122100	7.211	ng		97
57) 2,4-Dinitrotoluene	14.62	165	27724	5.009	ng	#	23
67) 4-Bromophenyl-phenylether	16.11	248	27882	4.493	ng	#	1
69) Atrazine	16.82	200	88	Below Cal		#	35
71) Phenanthrene	17.41	178	182115	7.368	ng		95
74) Di-n-butylphthalate	18.34	149	4479	Below Cal		#	92
75) Fluoranthene	19.42	202	304648	5.002	ng		96
77) Benzidine	19.98	184	35391	Below Cal		#	88
78) Pyrene	19.78	202	258586	8.385	ng		99
81) Benzo(a)anthracene	21.62	228	135205	4.663	ng		98
83) Chrysene	21.68	228	130637	4.689	ng		97
86) Indeno(1,2,3-cd)pyrene	28.39	276	89363	2.416	ng		94
88) Benzo(b)fluoranthene	23.80	252	184393	6.015	ng		99
89) Benzo(k)fluoranthene	23.80	252	184393	6.324	ng		99
90) Benzo(a)pyrene	24.51	252	87599	3.026	ng		97
92) Benzo(g,h,i)perylene	29.51	276	84508	2.890	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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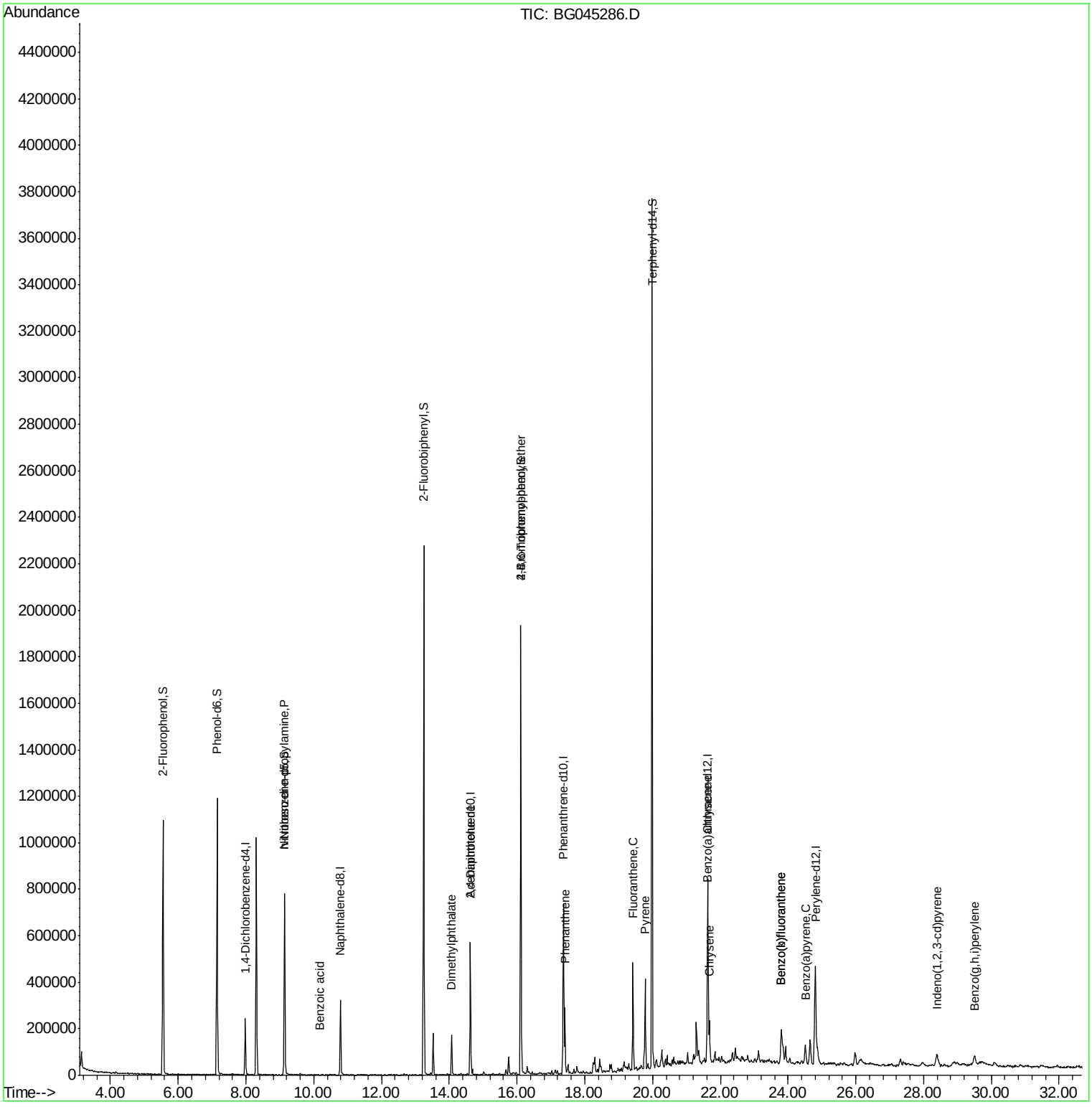
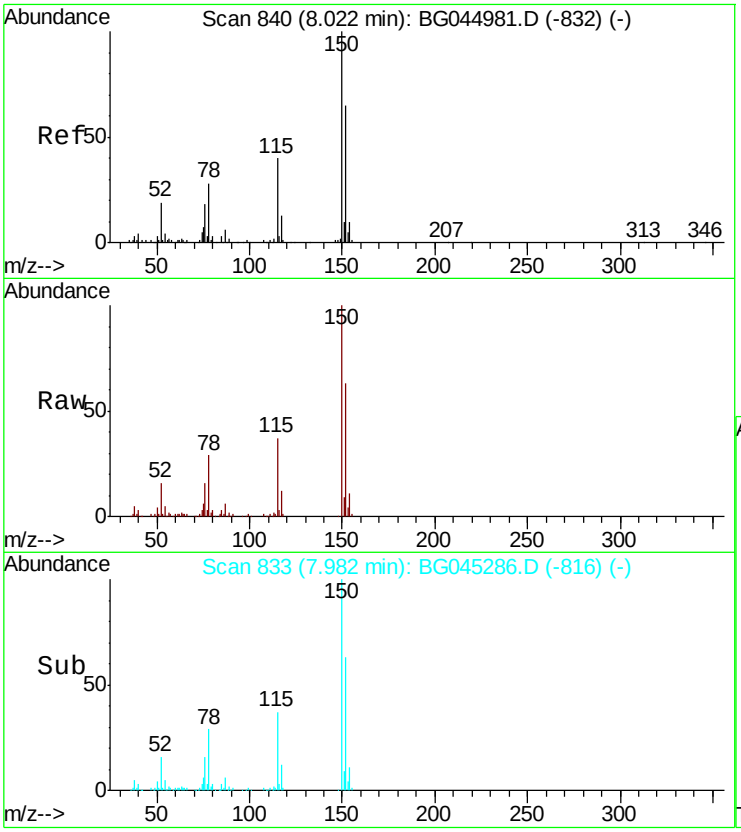


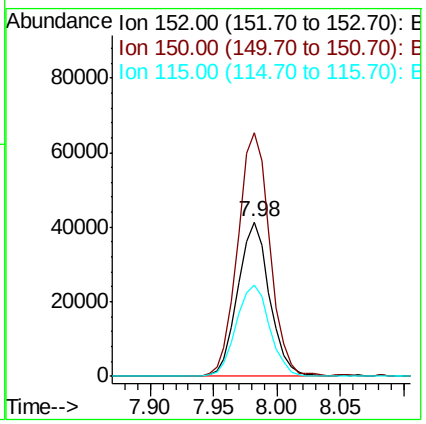


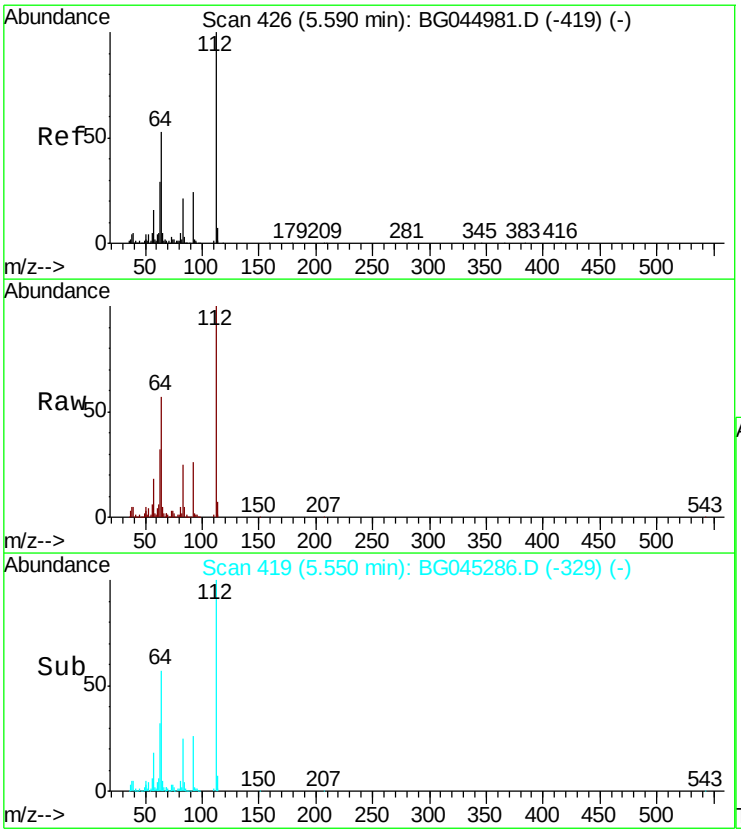
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71829

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.6	185.4
115	58.7	49.1	73.7

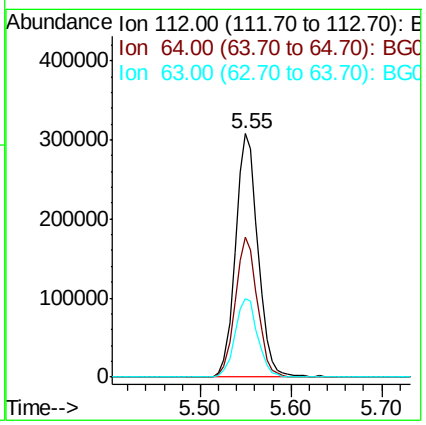


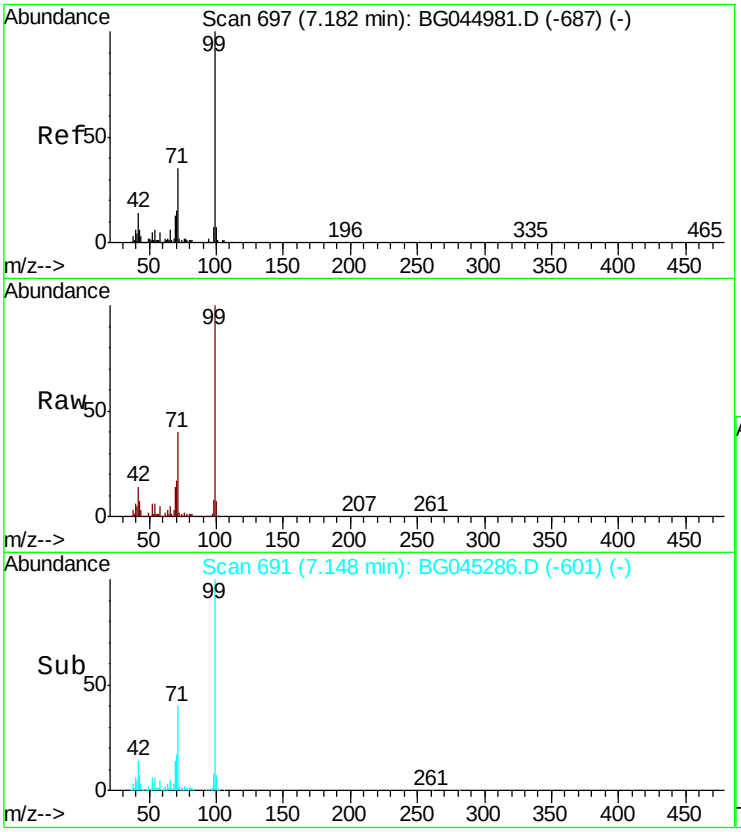


#5
2-Fluorophenol
Concen: 121.912 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:112 Resp: 530410

Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	32.3	23.1	34.7



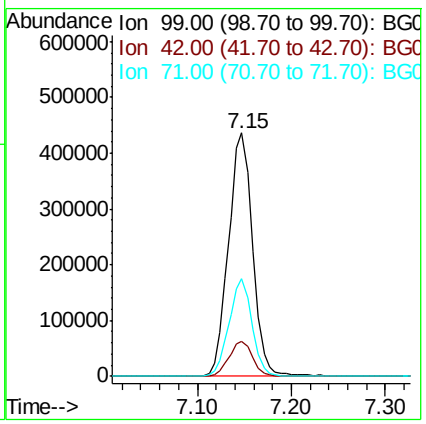


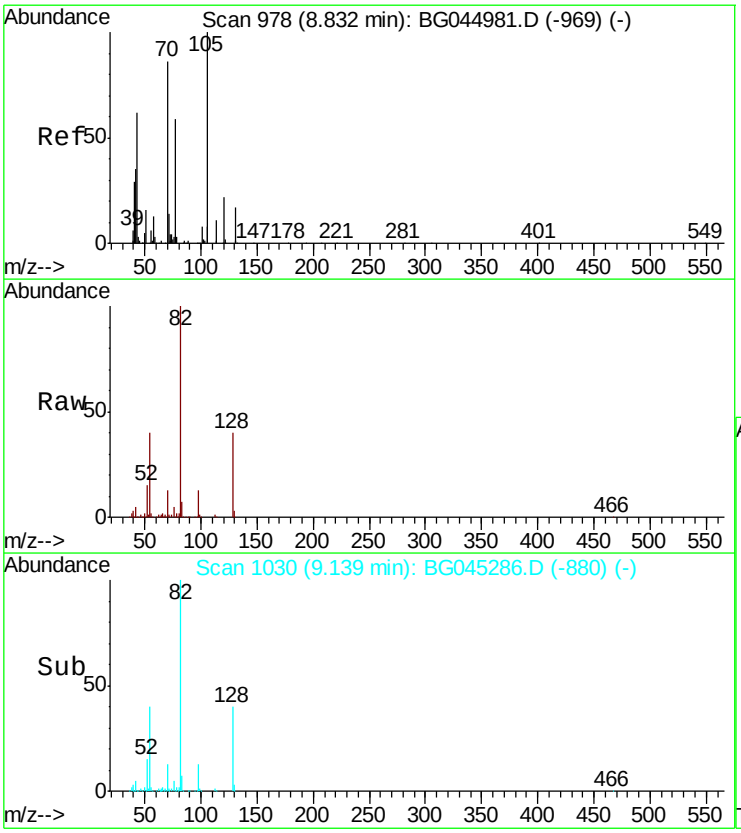
#7
Phenol-d6
Concen: 120.154 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 776698

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	40.0	28.3	42.5

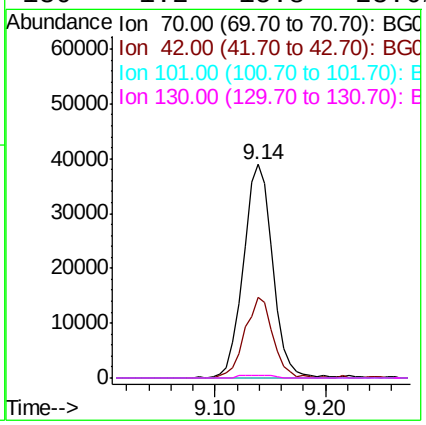


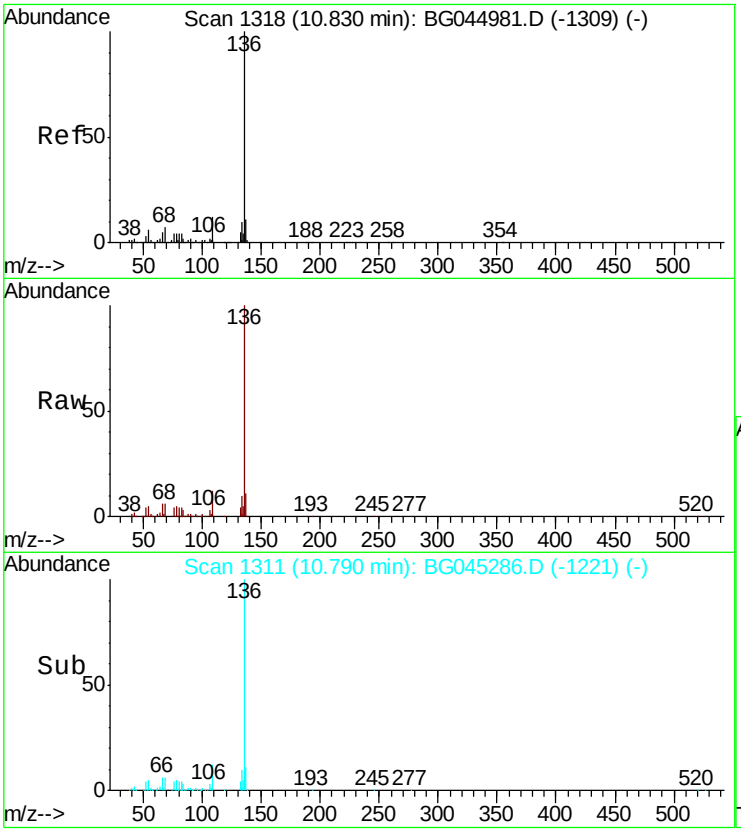


#19
n-Nitroso-di-n-propylamine
Concen: 15.849 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion: 70 Resp: 72454

Ion	Ratio	Lower	Upper
70	100		
42	37.9	33.3	49.9
101	0.0	7.8	11.8#
130	1.2	15.8	23.6#



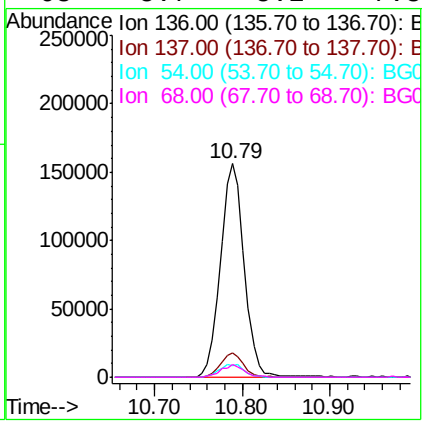


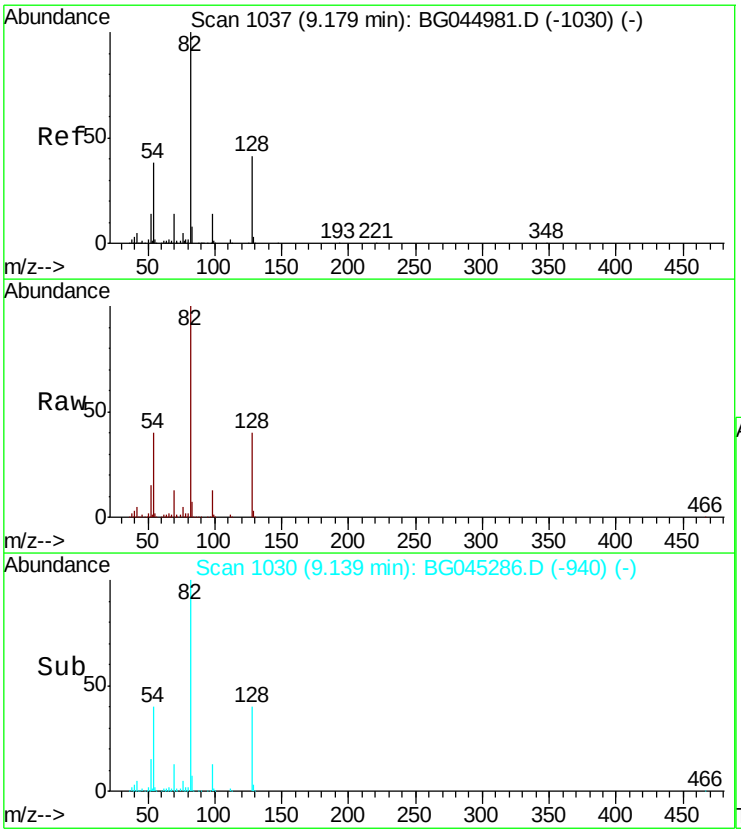
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 292155

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	5.2	4.8	7.2
68	5.7	5.2	7.8

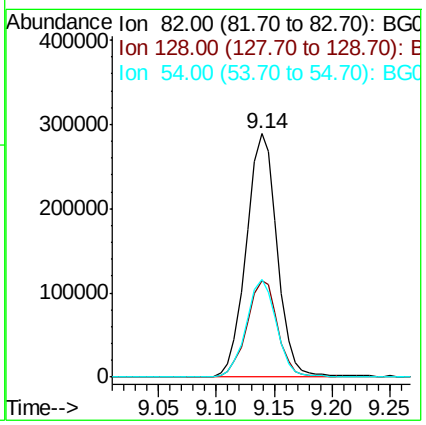


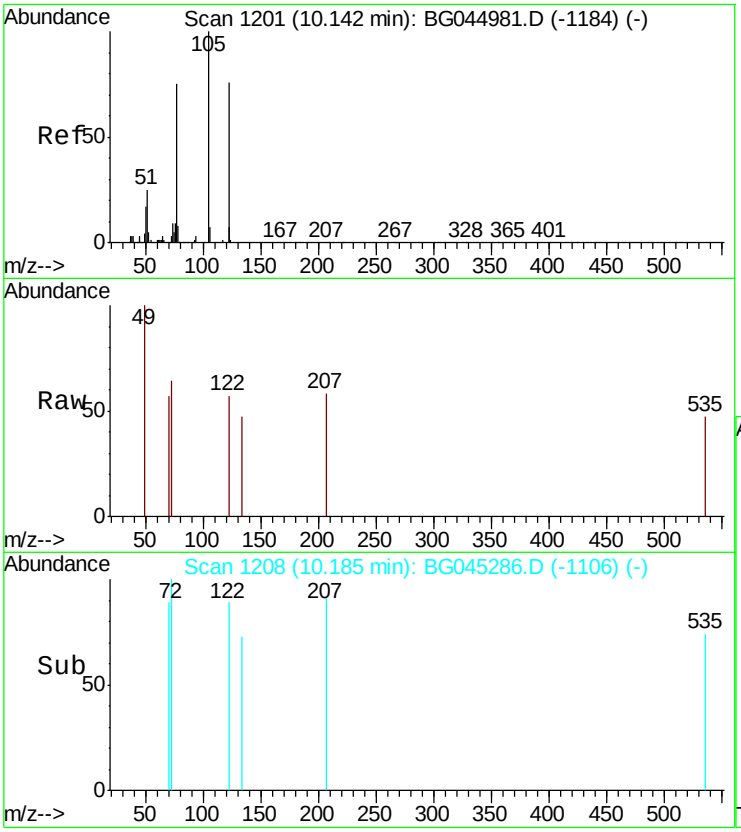


#23
Nitrobenzene-d5
Concen: 83.878 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion: 82 Resp: 537058

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.4
54	39.9	30.4	45.6



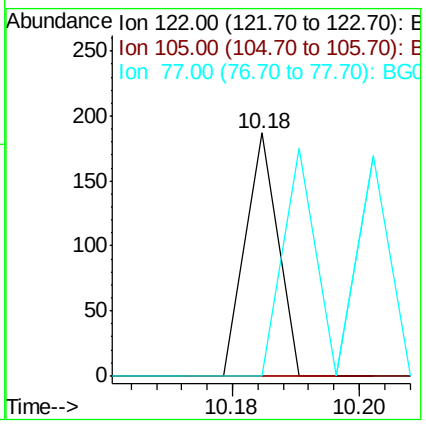


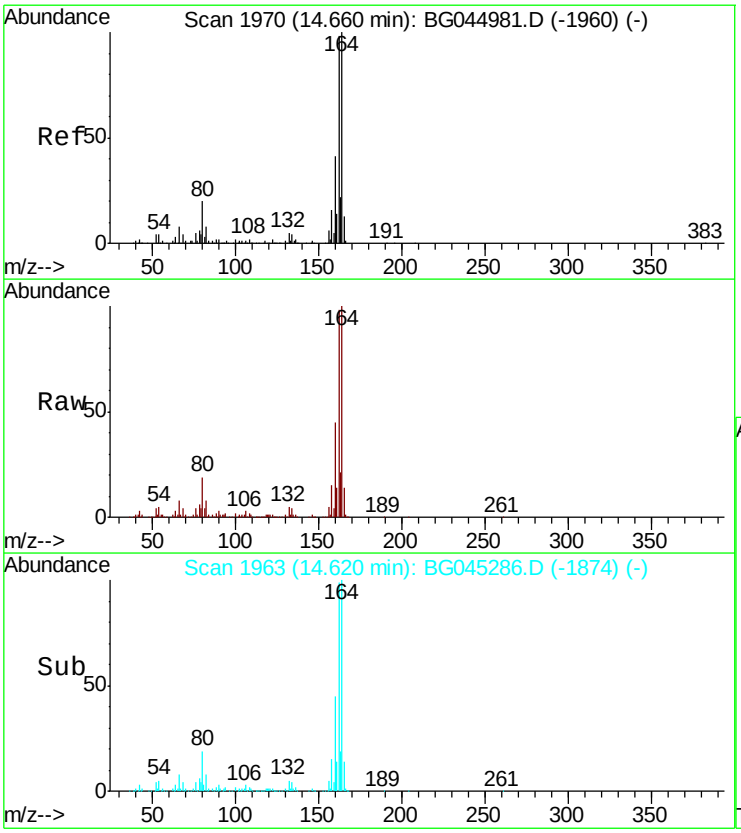
#32
Benzoic acid
Concen: 6.390 ng
RT: 10.18 min Scan# 1208
Delta R.T. 0.07 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

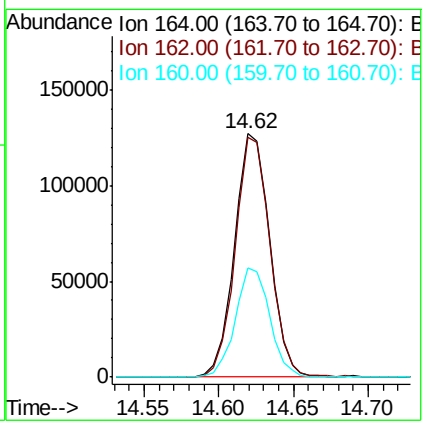


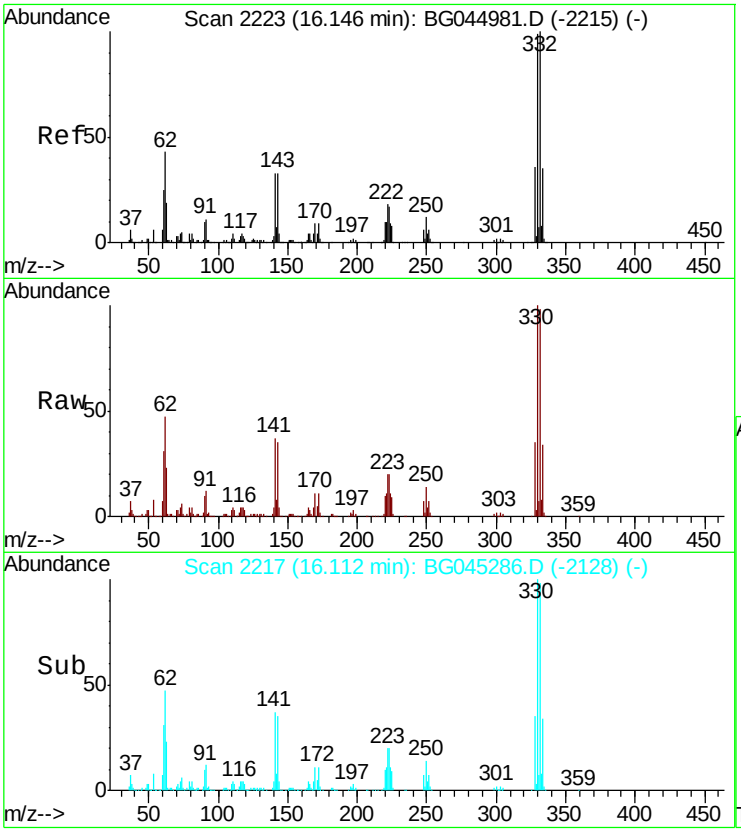


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:164 Resp: 207963

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	44.6	32.8	49.2



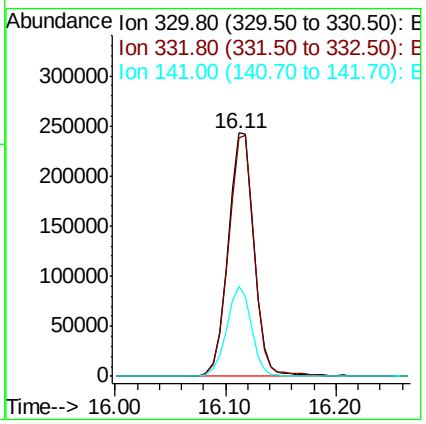


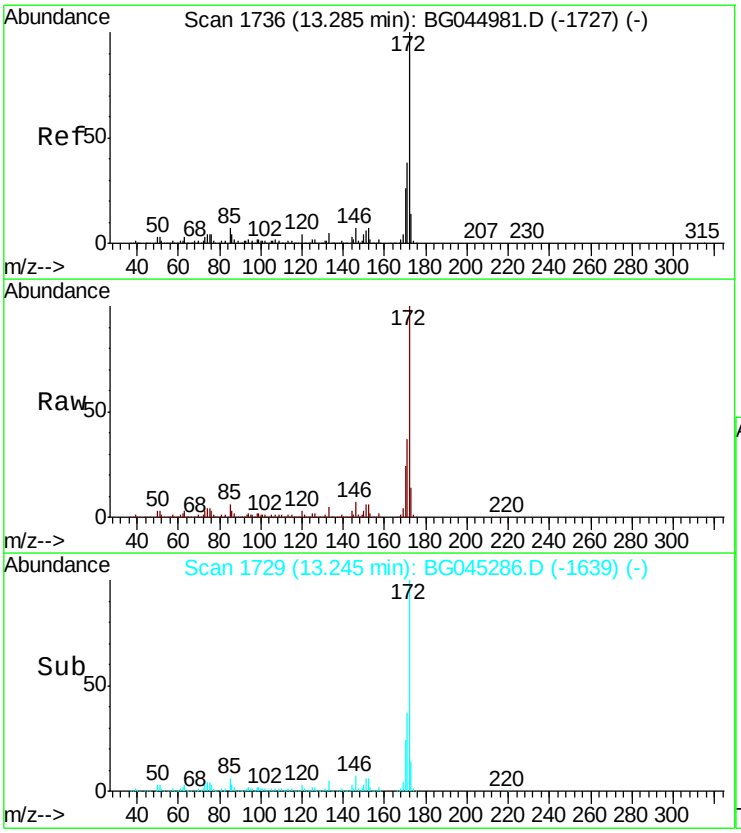
#42
2,4,6-Tribromophenol
Concen: 124.161 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 398898

Ion	Ratio	Lower	Upper
330	100		
332	98.4	79.1	118.7
141	36.0	27.1	40.7

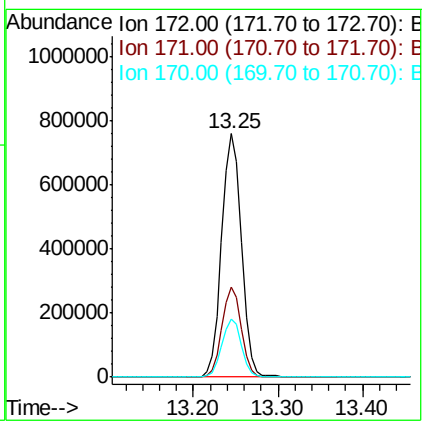


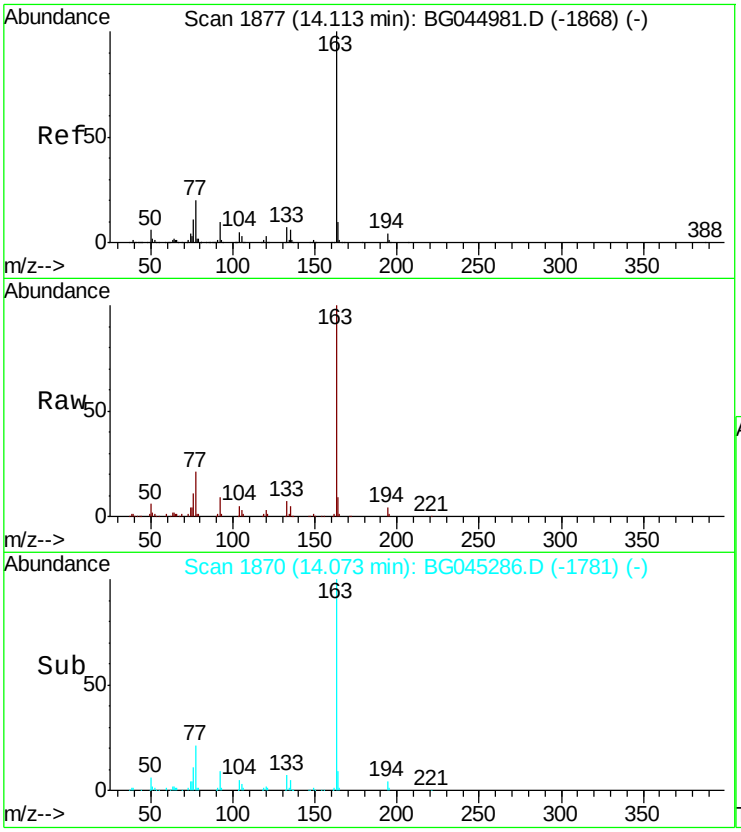


#45
2-Fluorobiphenyl
Concen: 86.972 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:172 Resp: 1233497

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	23.9	20.5	30.7



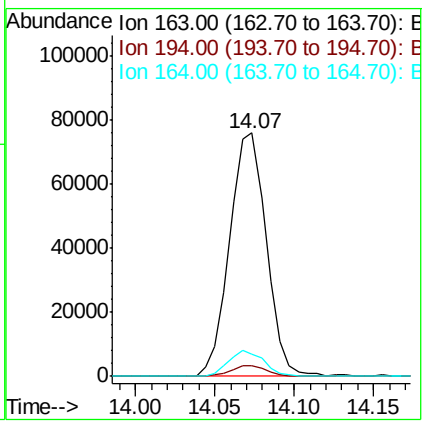


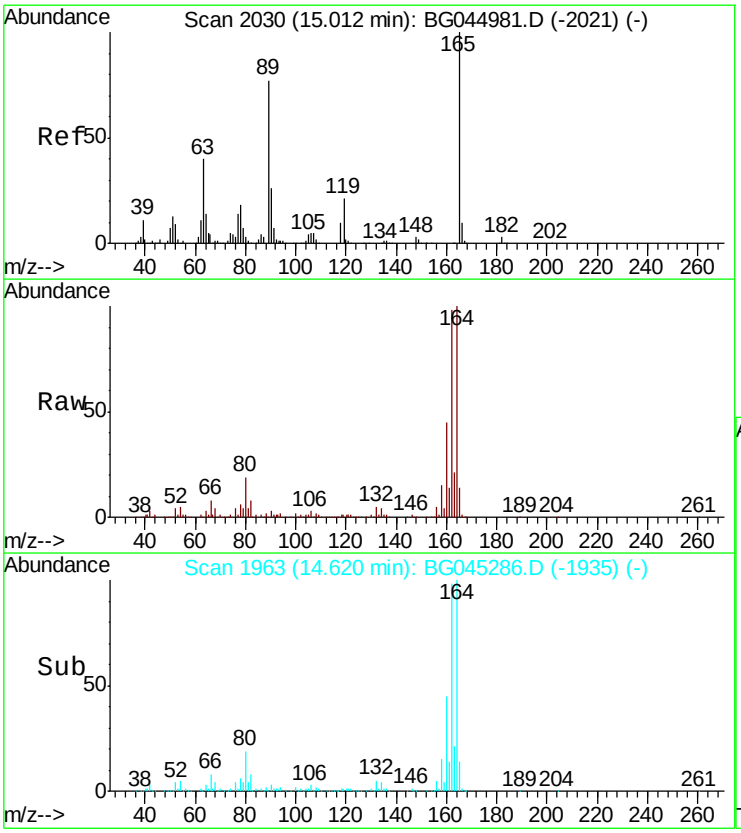
#50
Dimethylphthalate
Concen: 7.211 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 122100

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.0	8.2	12.4

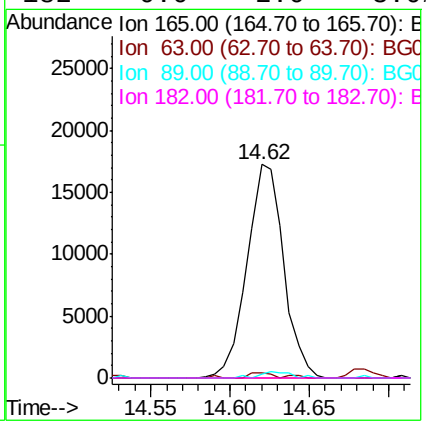


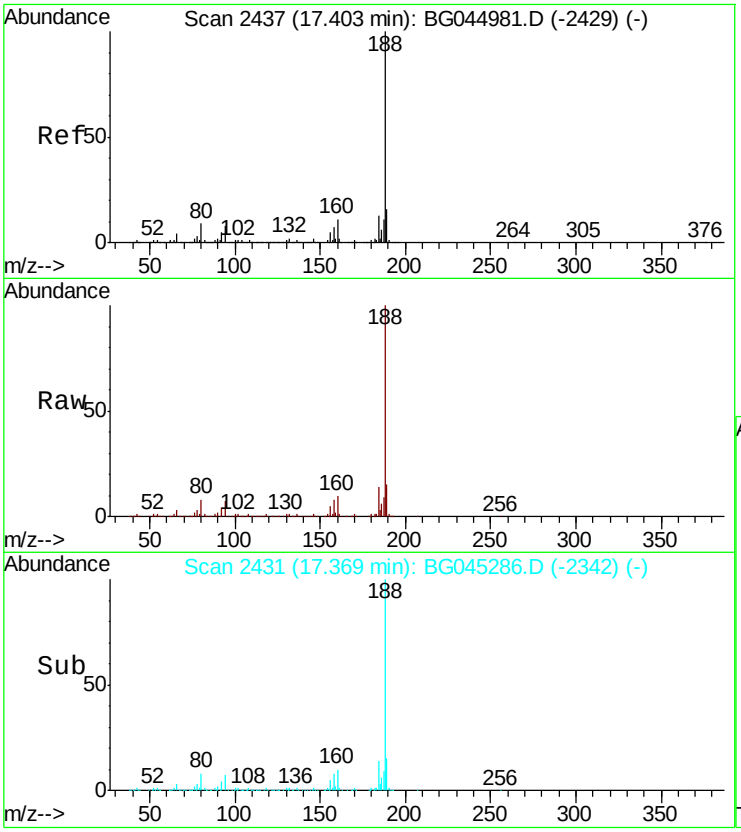


#57
2,4-Dinitrotoluene
Concen: 5.009 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:165 Resp: 27724

Ion	Ratio	Lower	Upper
165	100		
63	2.5	32.2	48.2#
89	1.8	61.7	92.5#
182	0.0	2.0	3.0#



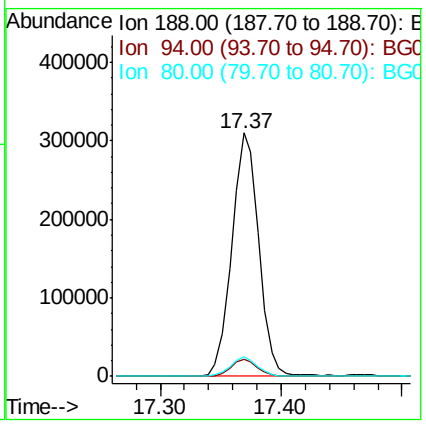


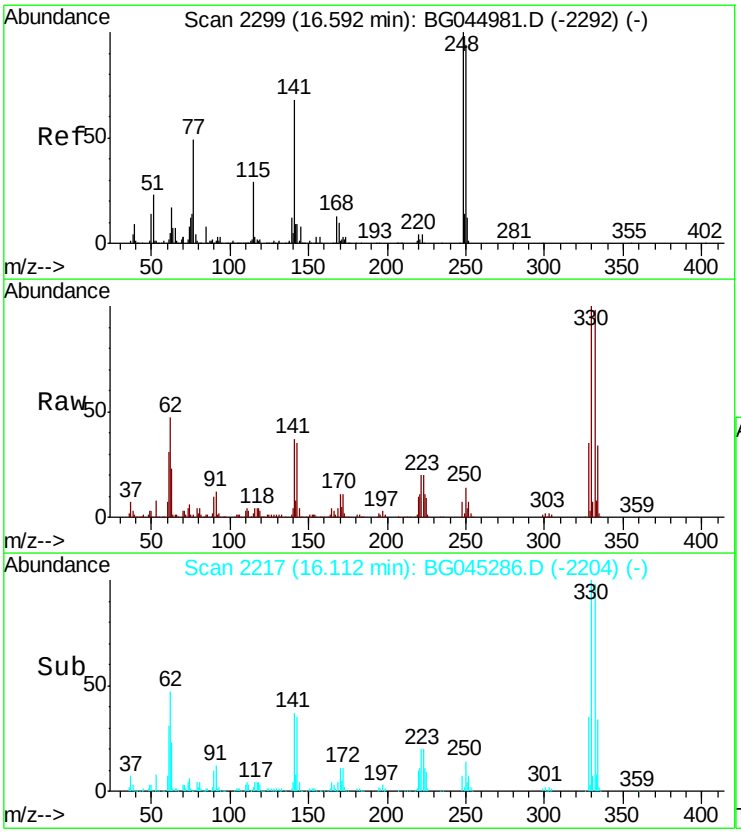
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 481005

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.2	7.0	10.6

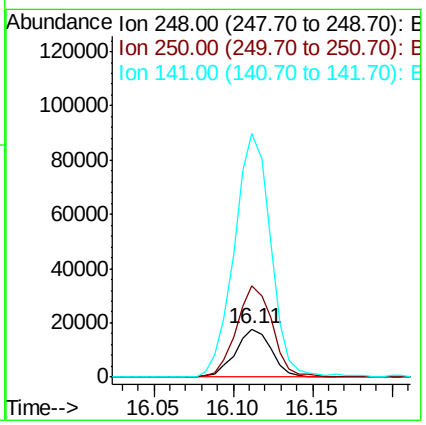


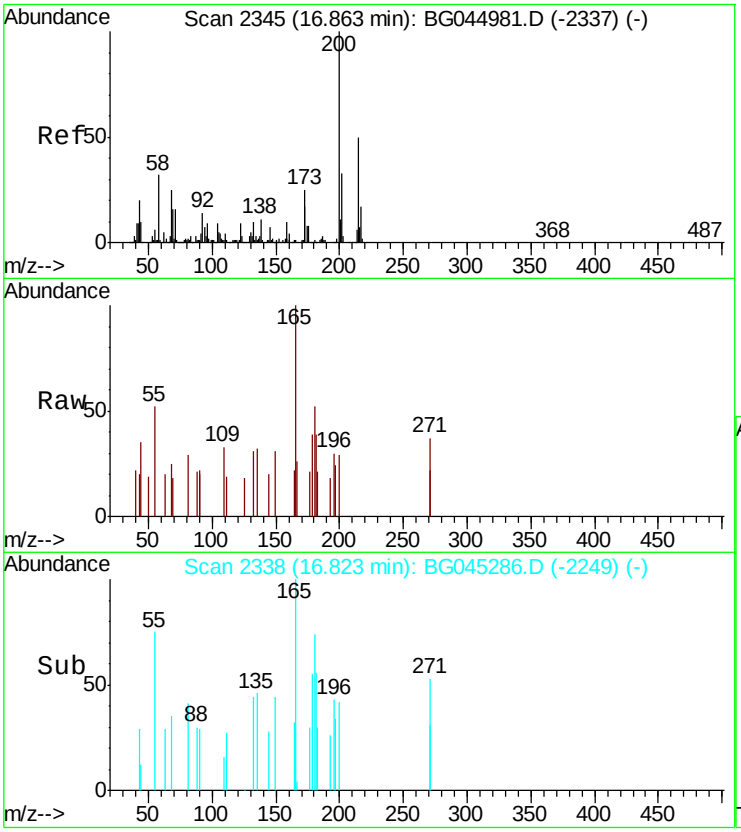


#67
4-Bromophenyl-phenylether
Concen: 4.493 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:248 Resp: 27882

Ion	Ratio	Lower	Upper
248	100		
250	192.1	75.4	113.2#
141	509.5	54.4	81.6#



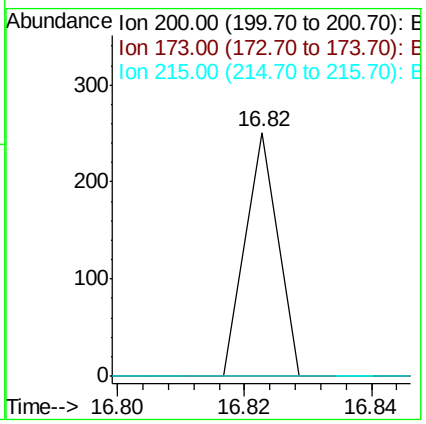


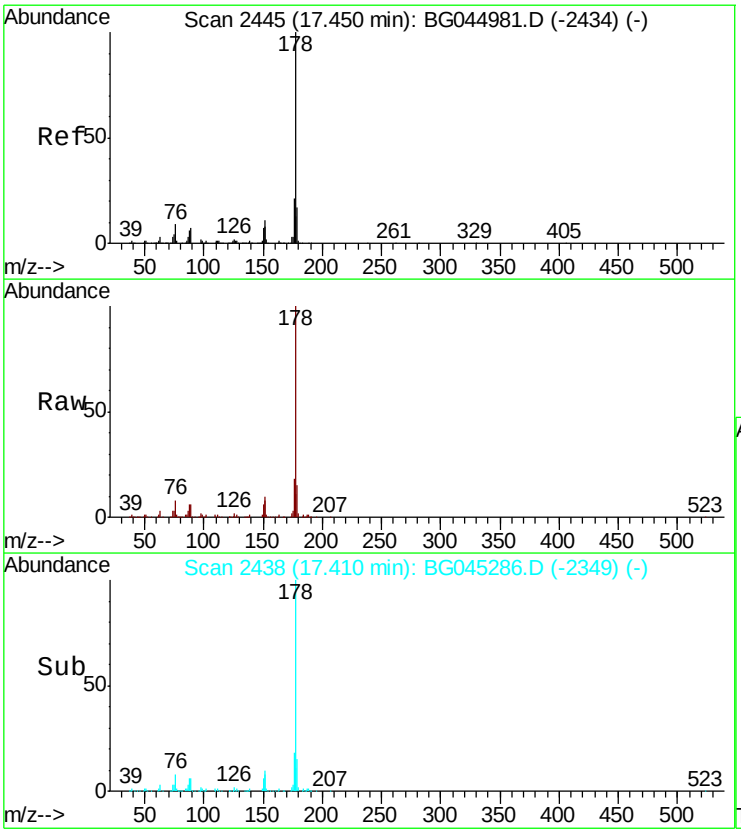
#69
Atrazine
Concen: Below Cal
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 88

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#

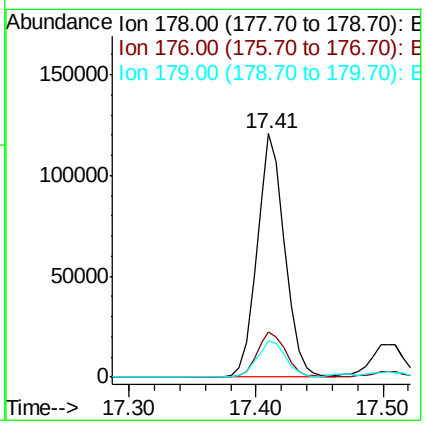


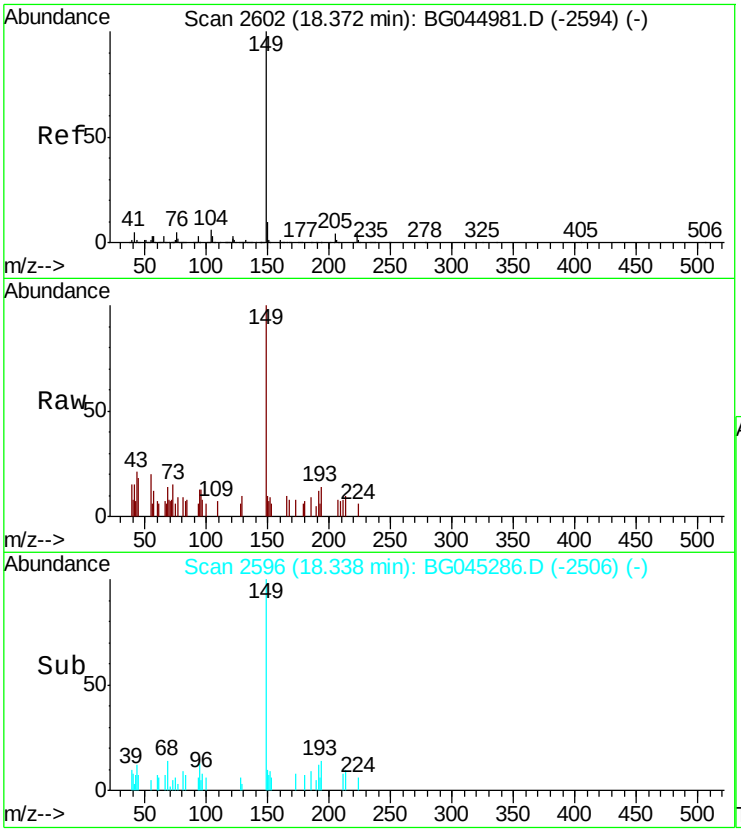


#71
Phenanthrene
Concen: 7.368 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:178 Resp: 182115

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.8	25.2
179	14.8	13.2	19.8



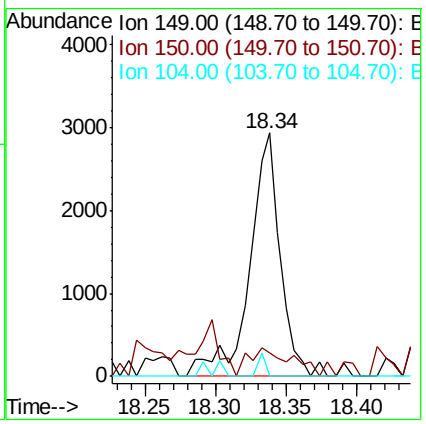


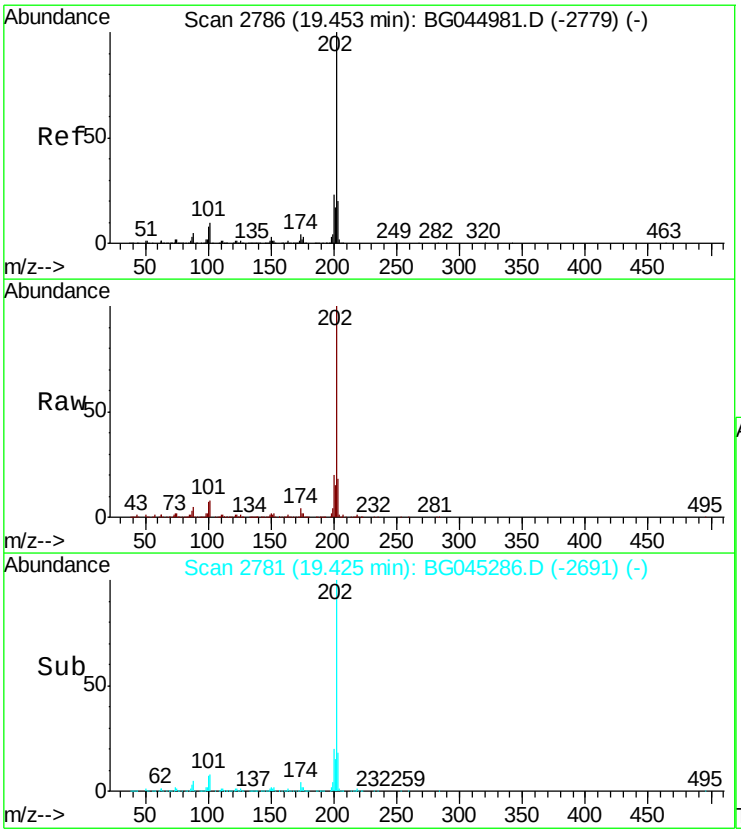
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 4479

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	0.0	4.8	7.2#

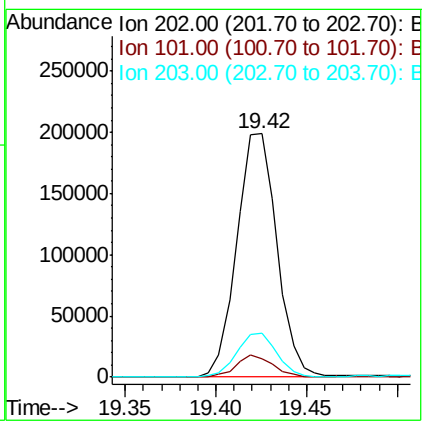


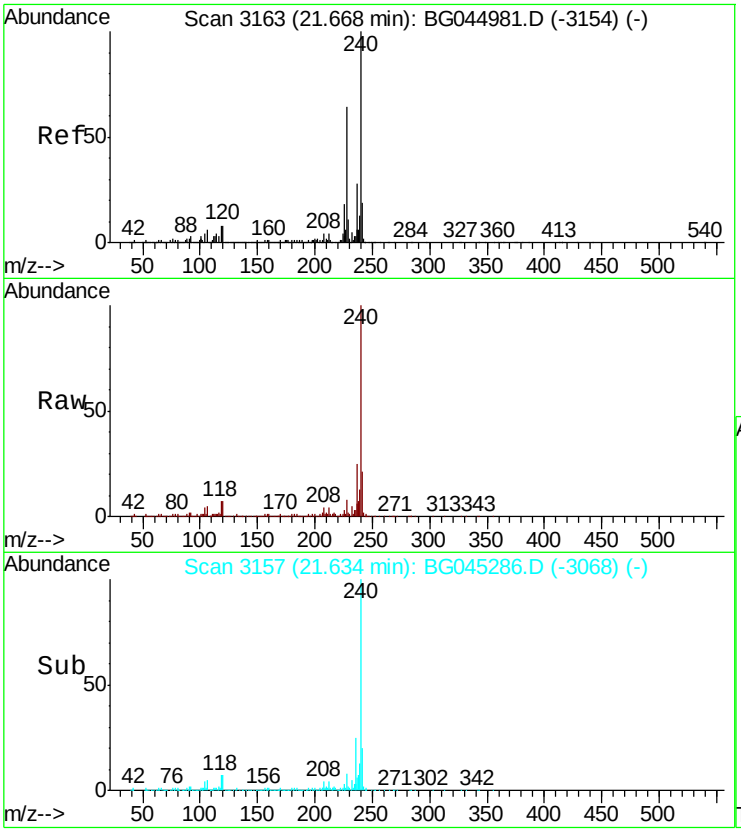


#75
Fluoranthene
Concen: 5.002 ng
RT: 19.42 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:202 Resp: 304648

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.6
203	18.3	0.0	39.7



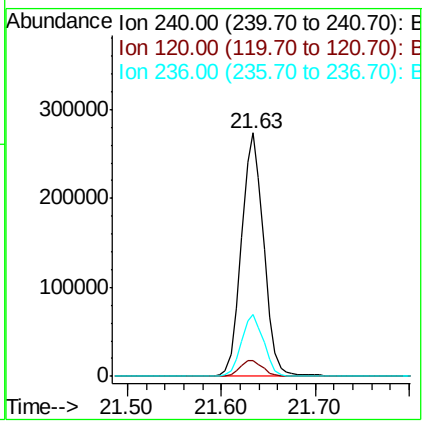


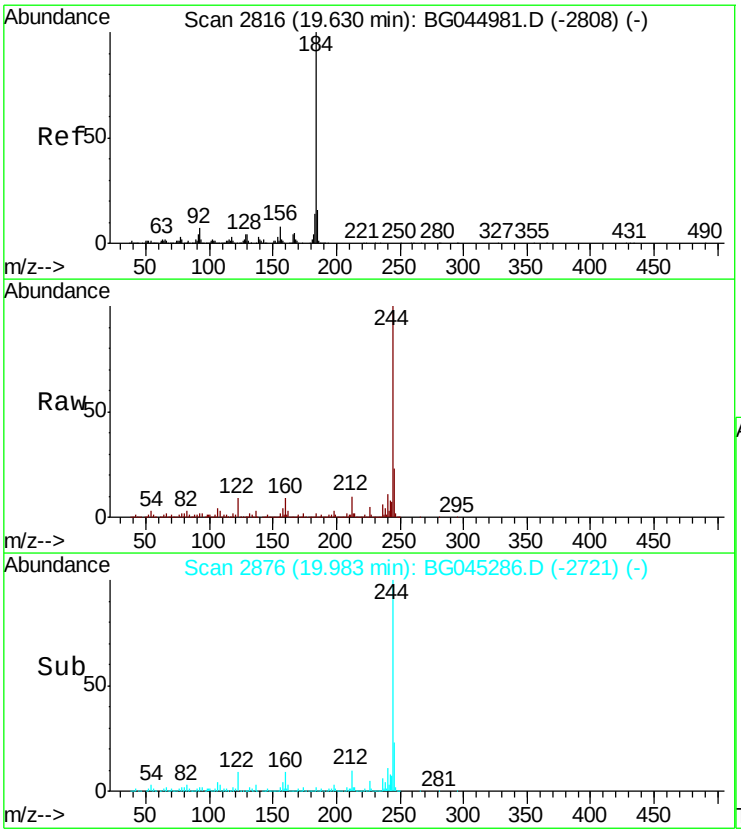
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 447339

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	10.0
236	25.4	22.2	33.2

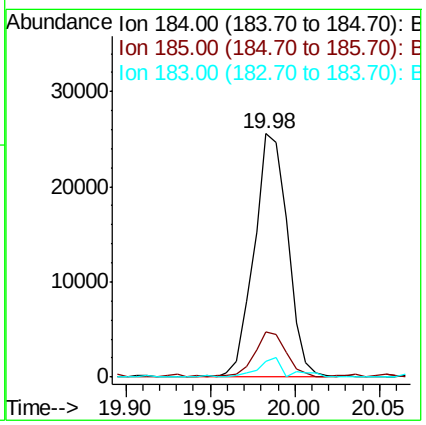


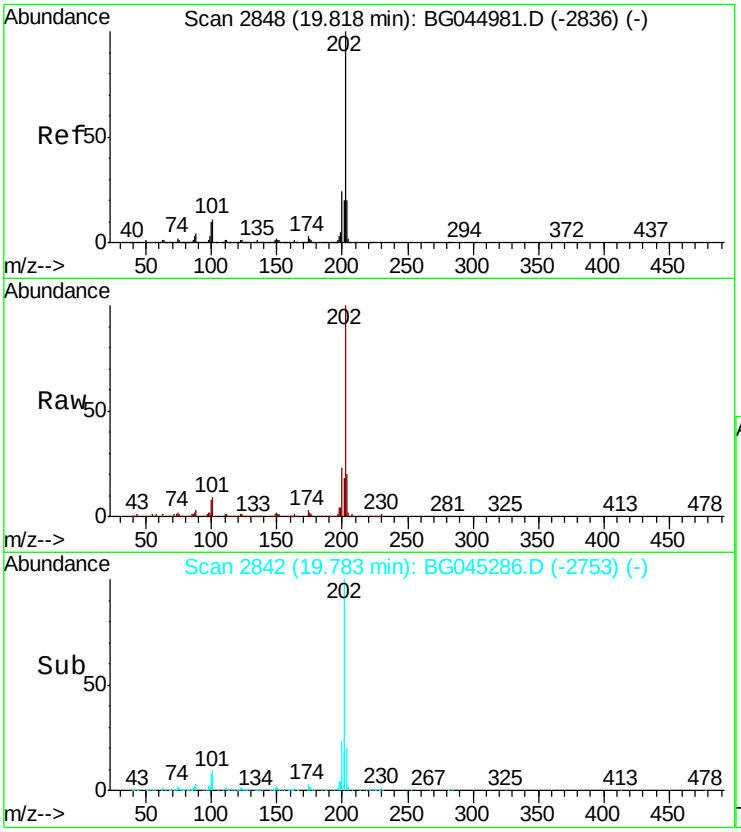


#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2876
Delta R.T. 0.38 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:184 Resp: 35391

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.6	19.0
183	6.5	11.3	16.9#



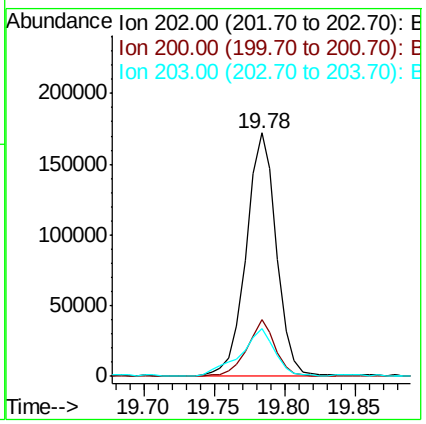


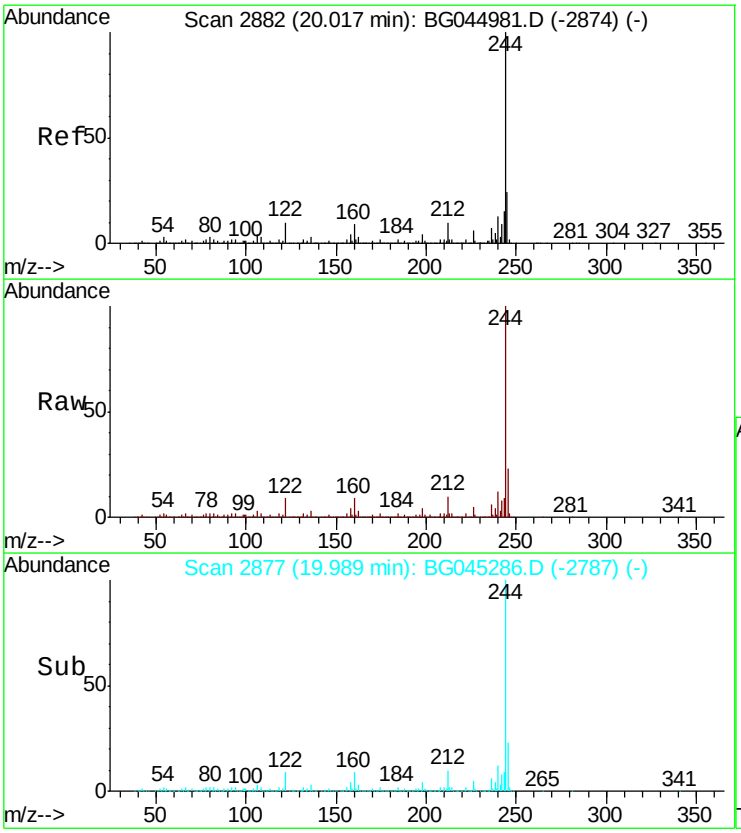
#78
Pyrene
Concen: 8.385 ng
RT: 19.78 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 258586

Ion	Ratio	Lower	Upper
202	100		
200	23.3	19.0	28.6
203	19.7	16.1	24.1

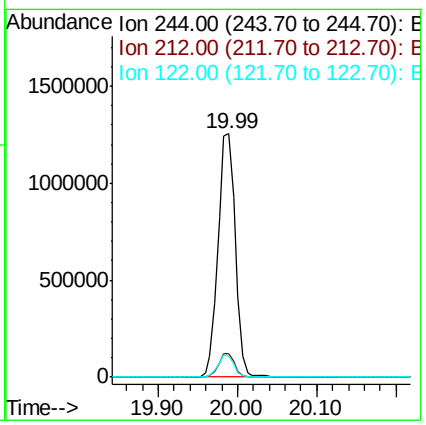


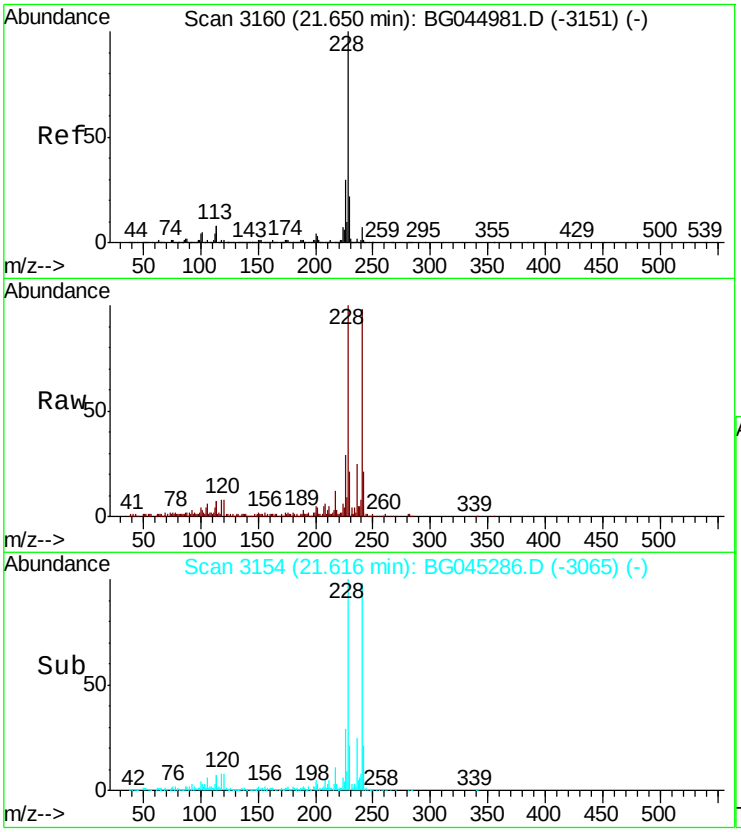


#79
Terphenyl-d14
Concen: 92.395 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:244 Resp: 1896327

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	8.5	7.7	11.5



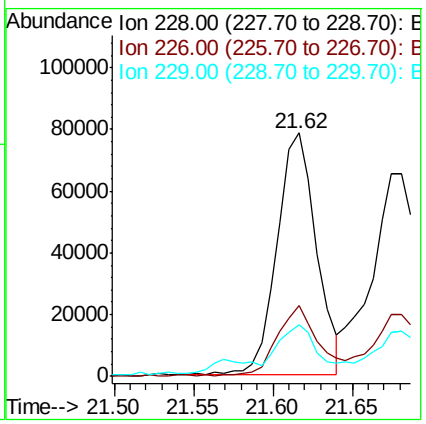


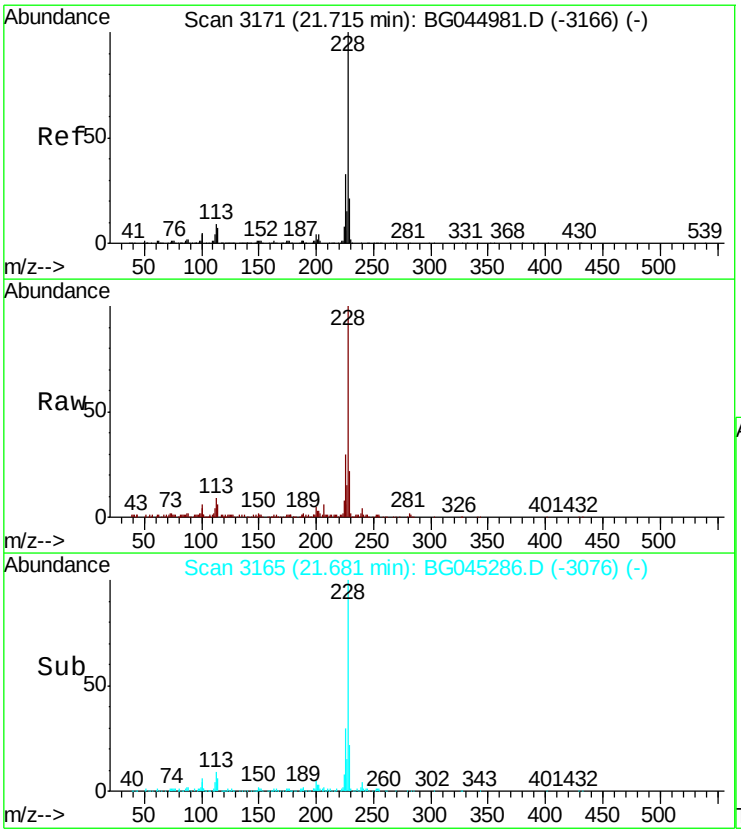
#81
Benzo(a)anthracene
Concen: 4.663 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 135205

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	21.0	17.5	26.3

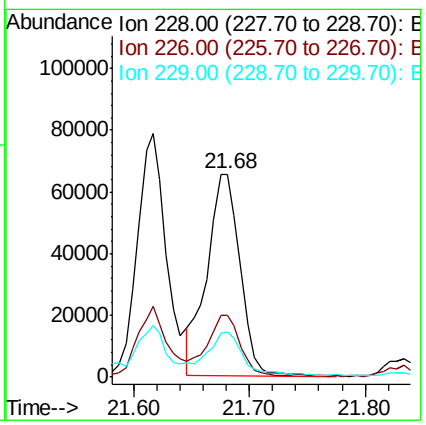


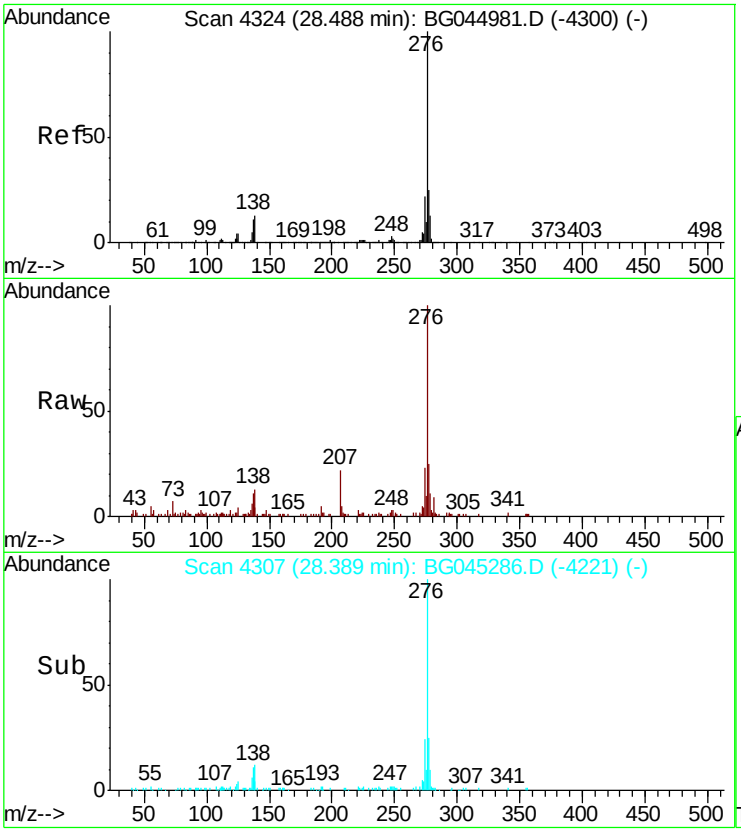


#83
Chrysene
Concen: 4.689 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:228 Resp: 130637

Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.2	39.4
229	22.4	17.0	25.6



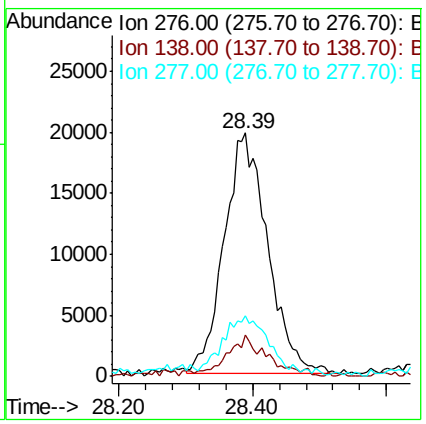


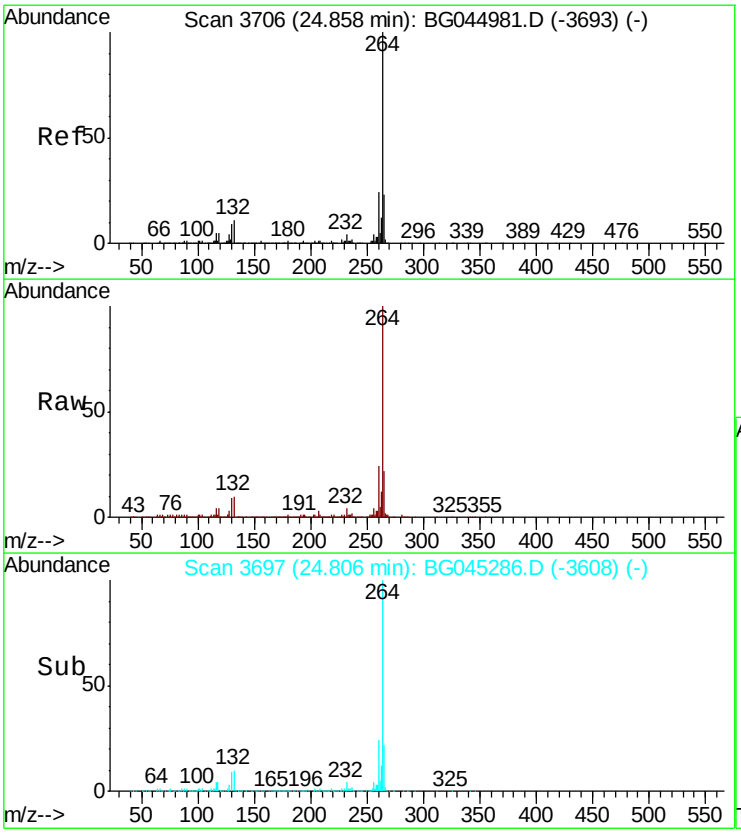
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.416 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.03 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 89363

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.6	14.4
277	21.8	20.6	31.0

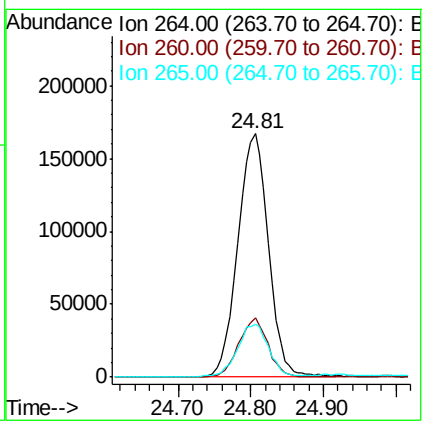


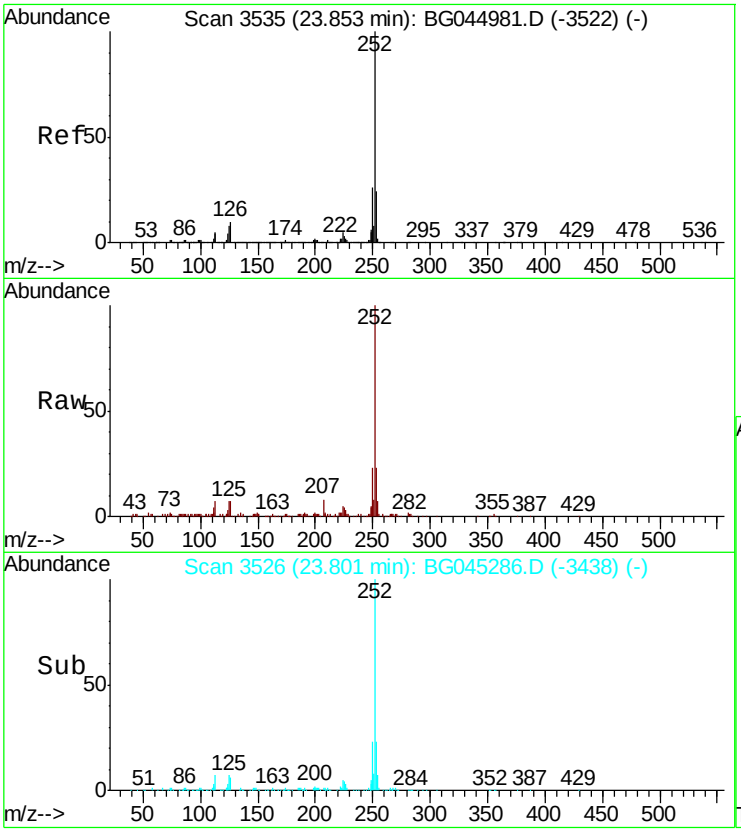


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:264 Resp: 489429

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	19.0	28.4



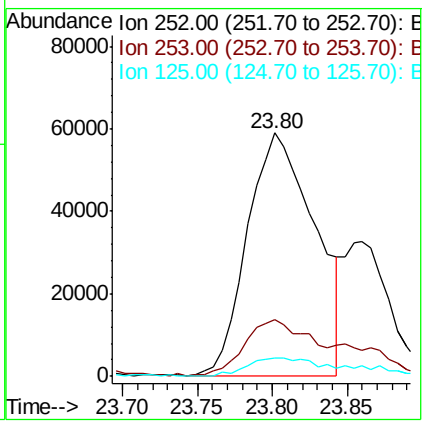


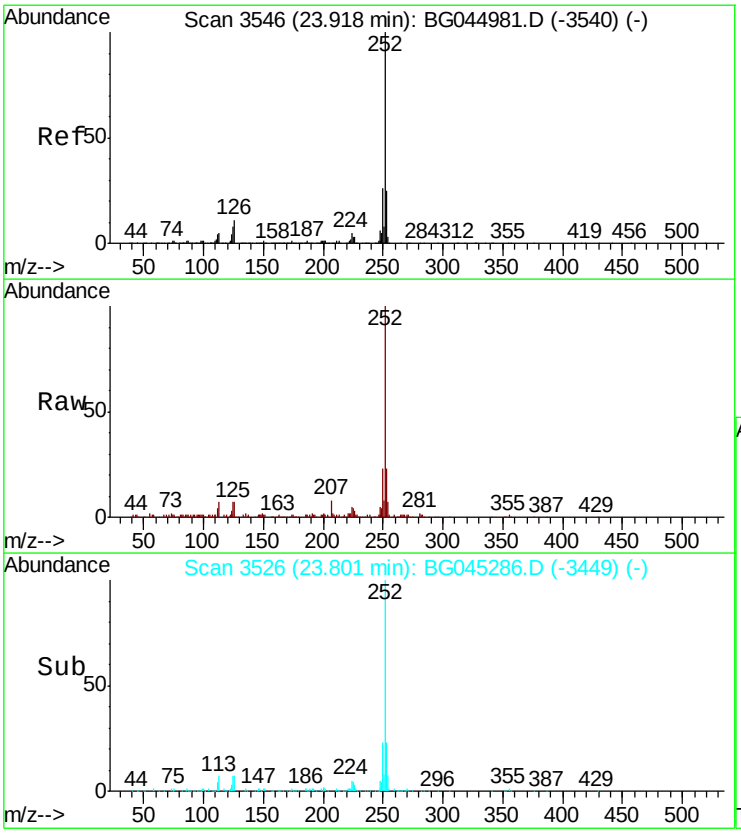
#88
Benzo(b)fluoranthene
Concen: 6.015 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 184393

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	7.4	6.2	9.4

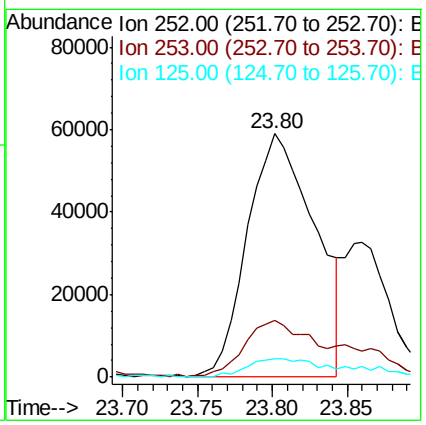


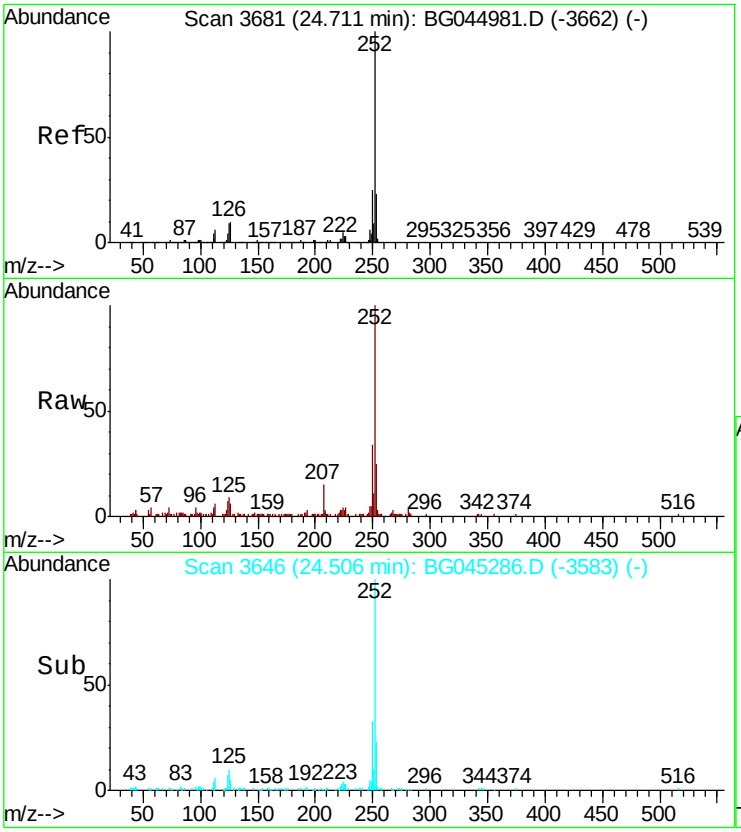


#89
Benzo(k)fluoranthene
Concen: 6.324 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.08 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:252 Resp: 184393

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	7.4	5.9	8.9



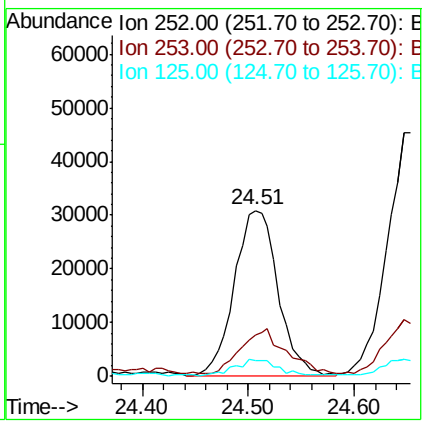


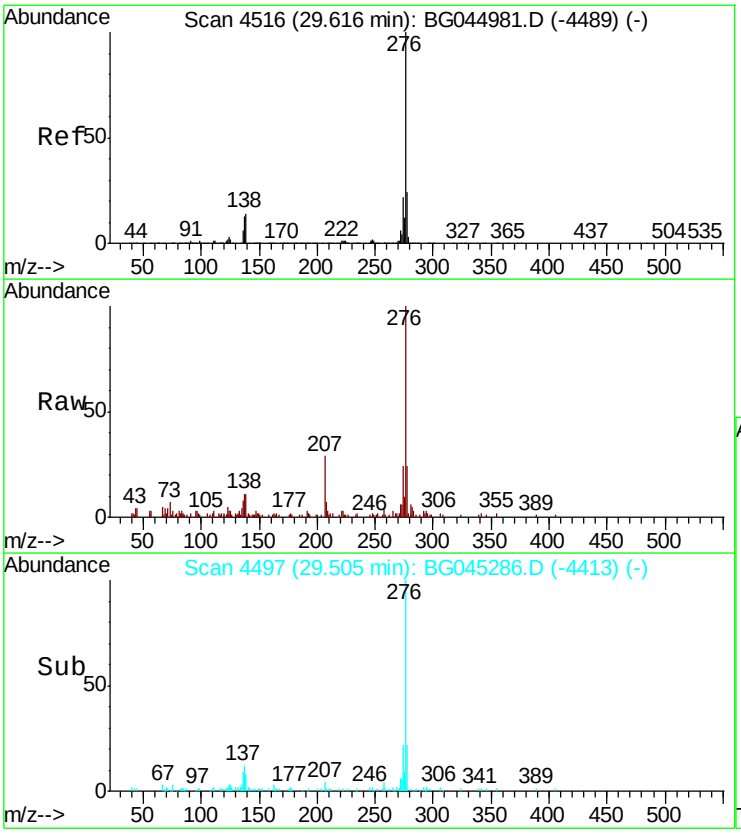
#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.16 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 87599

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	9.5	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 2.890 ng
RT: 29.51 min Scan# 4497
Delta R.T. -0.04 min
Lab File: BG045286.D
Acq: 8 May 2020 1:59

Tgt Ion:276 Resp: 84508

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	10.7	11.4	17.2#